

NPIC/R-123/65

June 1965

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR GOLDEN TREE MISSION 8021 3 JUNE 1965

Declassification reveiw by NIMA/DoD

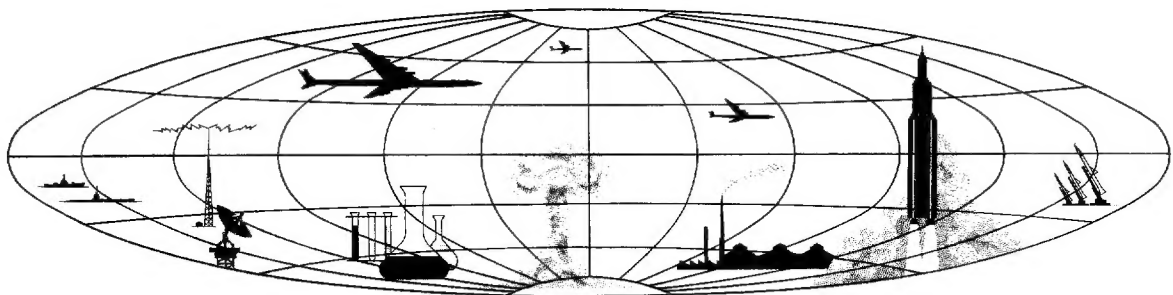


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W A R N I N G

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MISSION 8021 3 JUNE 1965

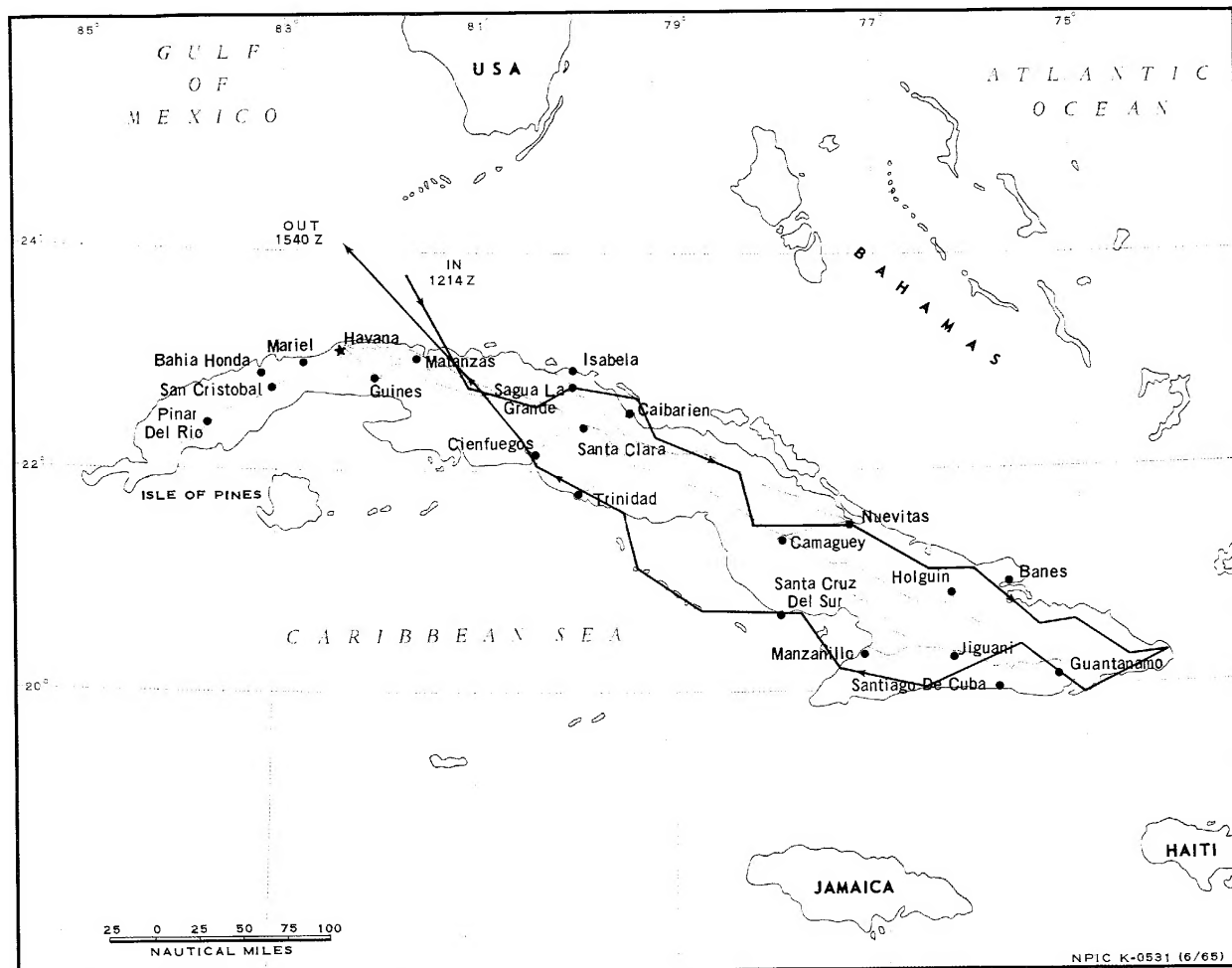
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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 8021, DATED 3 JUNE 65. THE NUMBER APPEARING AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF GOLDEN TREE MISSION 8021, 3 JUNE 1965.

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NOTE -- AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, 37MM), MEDIUM (57MM, 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THIS SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

MISSILES

25X1A

LOS ANGELES SAM SITE

CU 2100N 07541W

SIX UNREVELLED LAUNCHERS (3 WITH EXPOSED MISSILES, 3 CANVAS-COVERED), 6 MISSILE TRANSPORTERS, 1 POSSIBLE MISSILE TRANSPORTER ON RING ROAD, 12 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 3 VAN TRAILERS, 6 OTHER VEHICLES/PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT.

25X1D

SANTIAGO DE CUBA SAM SITE

CU 1959N 07550W

SITE APPEARS OCCUPIED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

CIFUENTES SAM ASSEMBLY AREA

CU 2236N 08005W

AT LEAST 15 MISSILE TRANSPORTERS AND AT LEAST 7 OTHER VEHICLES OBSERVED.
FOLIAGE LIMITS INTERPRETATION.

25X1D

MALDONADO SAM SITE

CU 2012N 07528W

SIX REVELLED LAUNCHERS (2 WITH MISSILES), 8 MISSILE TRANSPORTERS (5 CANVAS-COVERED), 12 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 1 VAN TRUCK, 1 TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, 6 VEHICLES/PIECES OF EQUIPMENT, AND A REVELLED GUIDANCE AREA WITH RADAR, 6 VAN TRAILERS, AND SHED-COVERED EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

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25X1D



25X1A

CAMAGUEY AIRFIELD SAM SITE

CU 2122N 07750W



FIVE UNREVIEWED LAUNCHERS (2 WITH MISSILES), 7 MISSILE TRANSPORTERS (6 CANVAS-COVERED, 1 WITH EXPOSED MISSILE), AT LEAST 10 CANVAS-COVERED TRACKED PRIME MOVERS, 5 CARGO TRUCKS, 6 VAN TRUCKS, 7 VAN TRAILERS AND A GUIDANCE AREA WITH RADAR, 3 VAN TRAILERS AND CANVAS-COVERED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1D



25X1A

HOLGUIN SAM SITE

CU 2052N 07627W



SIX MISSILE TRANSPORTERS (2 CANVAS-COVERED), 11 TRACKED PRIME MOVERS, AND 12 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED IN CLOUD-FREE AREA.

25X1D



25X1A

SANTA CLARA SAM SITE

CU 2229N 08000W



SIX UNREVIEWED LAUNCHERS, AT LEAST 18 VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY LIMITS INTERPRETATION

25X1D



PRESTON SAM SITE

CU 2044N 07538W

SIX REVIEWED LAUNCHERS (2 WITH MISSILES), 6 MISSILE TRANSPORTERS (2 CANVAS-COVERED), 11 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, 3 VAN TRAILERS, 8 PIECES OF EQUIPMENT, AND A GUIDANCE REVETMENT CONTAINING RADAR, 4 VAN TRAILERS, AND SHED COVERED EQUIPMENT OBSERVED. SCATTERED CLOUDS LIMIT INTERPRETATION.

25X1D



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25X1A

SAN DIEGO DEL VALLE SAM SITE

CU 2232N 08003W

SIX UNREVIEWED LAUNCHERS (2 WITH MISSILES), 5 PROBABLE MISSILE TRANSPORTERS, AT LEAST 6 PROBABLE PRIME TRACK MOVERS, 8 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR, 6 POSSIBLE VAN TRAILERS AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED.

THE 6-GUN MEDIUM AAA SITE REMAINS OCCUPIED.

NO APPARENT CHANGE IN FACILITIES.

25X1D

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD

CU 2229N 07956W

AIRCRAFT -- 26 FAGOT/FRESCO AND AT LEAST 10 HOUND (4 WITHOUT ROTORS).

25X1D

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

NO APPARENT CHANGE IN FACILITIES.
AIRCRAFT -- 2 CRATE AND 1 C-54.

25X1D

LOS CANOS AIRFIELD

CU 2005N 07509W

AIRCRAFT -- NONE OBSERVED.

25X1D

CORONEL PASCUAL AIRFIELD

CU 2307N 08117W

AIRCRAFT -- 2 COLT AND 2 HOUND.

25X1D

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25X1A

JAIME GONZALES AIRFIELD

CU 2209N 08024W

25X1D NO AIRCRAFT OBSERVED.

CAIBARIEN AIRFIELD

CU 2230N 07928W

25X1D NO AIRCRAFT OBSERVED.

BARACOA AIRFIELD NORTHWEST

CU 2021N 07430W

25X1D NO AIRCRAFT OBSERVED.

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE

CU 2208N 08027W

25X1D VESSELS -- 1 PCE, 3 P-6 MTB (2 ON MARINE RAILWAY), 1
YP, AND 2 LARGE FREIGHTERS. 5 P-6 MTB, 2 LIGHTERS, AND
3 OTHER VESSELS OBSERVED AT CONSTANCIA.

SANTIAGO DE CUBA NAVAL BASE AND PORT

CU 2001N 07550W

25X1D VESSELS -- 4 LARGE FREIGHTERS AND 1 LARGE TANKER.

MANZANILLO PORT

CU 2021N 07707W

25X1D NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

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25X1A

NUEVITAS PORT

CU 2132N 07715W

VESSELS -- 1 LARGE FREIGHTER, 1 LARGE TANKER, AND 1
COASTAL FREIGHTER.

25X1D

LA ISABELA PORT

CU 2256N 08000W

VESSELS -- 2 LARGE FREIGHTERS.

25X1D

CAIBARIEN PORT

CU 2231N 07928W

NO LARGE VESSELS OBSERVED.

25X1D

CARDENAS PORT

CU 2302N 08111W

NO LARGE VESSELS OBSERVED.

25X1D

CASILDA PORT

CU 2145N 07959W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

MATANZAS PORT

CU 2302N 08134W

VESSELS -- 2 LARGE FREIGHTERS.

25X1D

PUERTO PADRE PORT

CU 2113N 07632W

VESSELS -- 1 LARGE FREIGHTER OBSERVED IN CLOUD-FREE
AREAS.

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25X1D

[REDACTED]

25X1A

KAWAMA MARINA PORT

CU 2307N 08117W

NO NAVAL VESSELS OBSERVED.

25X1D

[REDACTED]

ELECTRONICS/COMMUNICATIONS

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE CU 2101N 07535W

25X1D

NO RADAR OBSERVED.

[REDACTED]

MILITARY ACTIVITY

GUANTANAMO AREA

CU 2018N 07525W

AREA 1 -- 100 PERCENT USEABLE COVERAGE.
AREA 2 -- 70 PERCENT USEABLE COVERAGE.
AREA 3 -- 90 PERCENT USEABLE COVERAGE.
AREA 4 -- 100 PERCENT USEABLE COVERAGE.
AREA 5 -- 100 PERCENT USEABLE COVERAGE.
AREA 6 -- PREVIOUSLY REPORTED TENTS AND VEHICLES AT UTM
18QVT964125 HAVE BEEN REMOVED. 100 PERCENT USEABLE
COVERAGE.
AREA 7 -- 98 PERCENT USEABLE COVERAGE.
AREA 8 -- 100 PERCENT USEABLE COVERAGE.
AREA 9 -- 100 PERCENT USEABLE COVERAGE.

25X1D

[REDACTED]

25X1A

HOLGUIN MILITARY CAMP

CU 2053N 07613W

MAIN CAMP -- IDENTIFICATION ONLY.

25X1D

[REDACTED]

OFELIA MILITARY CAMP

CU 2006N 07530W

NO APPARENT CHANGE IN PERMANENT FACILITIES.
EIGHT LARGE NON-SOVIET TENTS, 4 SMALL NON-SOVIET TENTS,

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26 TANKS/SP GUNS, 102 CARGO TRUCKS, 2 VAN TRUCKS, 12
UTILITY TRUCKS, 26 FA PIECES, 10 AAA PIECES AND 45
MORTARS OBSERVED.
AN OCCUPIED 6-GUN LIGHT AAA SITE IS LOCATED AT
18QVT457227.
AMS E723, SHEET 507611, 2D ED.

25X1D



25X1A

REMEDIOS MILITARY AREA

CU 2227N 07935W



NO APPARENT CHANGE IN FACILITIES.
AT LEAST 200 VEHICLES AND 10 PROBABLE FA PIECES
OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D



25X1A

ALTO CEDRO MILITARY CAMP

CU 2029N 07600W



NO APPARENT CHANGE IN FACILITIES IN ALL AREAS.
AREA 1 -- 27 CARGO TRUCKS, 2 VAN TRUCKS, AND 8 MORTARS.
AREA 2 -- NO VEHICLES OR EQUIPMENT OBSERVED.
AREA 3 -- 16 CARGO TRUCKS, 4 FA PIECES, AND 4 AAA
PIECES.
AREA 4 -- 22 CARGO TRUCKS AND 15 FA PIECES.
AREA 5 -- 20 CARGO TRUCKS, 3 AAA PIECES AND 9 MORTARS.
AREA 6 -- 36 CARGO TRUCKS, 10 FA PIECES, AND 7 AAA
PIECES.
AREA 7 -- 22 CARGO TRUCKS.
AREA 8 -- 32 CARGO TRUCKS, 5 TANK TRUCKS, 4 FA AND 7
AAA PIECES.
AREA 9 -- 7 CARGO TRUCKS, 4 FA PIECES AND 2
UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.
AREA 10 -- NOT OBSERVED.
AREA 11 -- 19 CARGO TRUCKS.

25X1D



25X1A

LIMONAR MILITARY CAMP SE

CU 2255N 08124W



THE H-SHAPED BUILDING REMAINS UNDER CONSTRUCTION.
AT LEAST 24 VEHICLES OBSERVED.

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25X1D



25X1A

CAMAGUEY MILITARY CAMP

CU 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.
SEVENTY-TWO CARGO TRUCKS, 46 FA PIECES, AND 11 MORTARS.
FIVE POSITIONS OF THE 6-GUN MEDIUM AAA SITE REMAIN
OCCUPIED.

25X1D



EL CRISTO MILITARY INSTALLATION

CU 2008N 07547W

NO APPARENT CHANGE IN FACILITIES IN BOTH AREAS.
MAIN CAMP -- 26 CARGO TRUCKS AND 7 FA PIECES.
CAMP 1.6 NM NW -- 8 UNIDENTIFIED VEHICLES.

25X1D



JURAGUA MILITARY ACTIVITY

CU 2209N 08035W

NO APPARENT CHANGE IN FACILITIES.
THIRTY-SIX CARGO TRUCKS, 17 FA PIECES, AND 17 MORTARS
OBSERVED.

25X1D



HOLGUIN MILITARY CAMP NW

CU 2057N 07616W

TWENTY-TWO TANKS/SP GUNS, 13 CARGO TRUCKS, AND 8 AAA
PIECES OBSERVED IN CLOUD-FREE AREAS.

25X1D

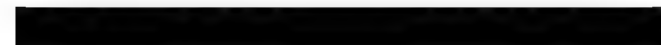


CANTEL MILITARY CAMP

CU 2302N 08119W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 6 TANKS/SP GUNS OBSERVED.

25X1D



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25X1A

TRINIDAD POSS MIL HEADQUARTERS

CU 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 27 CARGO TRUCKS AND AT LEAST 7 PROBABLE FA
PIECES OBSERVED.

25X1D

25X1A

LIMONAR TANK TRAINING AREA

CU 2254N 08121W

NO APPARENT CHANGE IN FACILITIES EXCEPT 2 PROBABLE
BARRACKS UNDER CONSTRUCTION.
AT LEAST 7 PROBABLE TANKS/SP GUNS OBSERVED.

25X1D

ANTON RECIO MILITARY INSTALLATION

CU 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-THREE TANKS/SP GUNS, 4 CARGO TRUCKS, AND
NUMEROUS PIECES OF CONSTRUCTION EQUIPMENT OBSERVED.
THE 6-GUN MEDIUM AAA SITE REMAINS OCCUPIED.
EIGHTEEN CARGO TRUCKS AND 12 AAA PIECES OBSERVED AT
SITE.
CONSTRUCTION CONTINUES ON THE 5 REVETMENTS IN THE NORTH
AND EAST AREAS.

25X1D

25X1A

MINAS MILITARY CAMP

CU 2127N 07734W

NO APPARENT CHANGE IN FACILITIES.
TWELVE TANKS/SP GUNS, 17 CARGO TRUCKS AND 2 OTHER
VEHICLES OBSERVED.

25X1D

MARTI ARMOR TRAINING AREA

CU 2258N 08059W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 8 VEHICLES/PIECES OF EQUIPMENT OBSERVED.

25X1D

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25X1A

SANTA ISABEL FINCA MILITARY CAMP

CU 2005N 07528W

NO APPARENT CHANGE IN FACILITIES.
MAIN CAMP -- 30 CARGO TRUCKS, 4 FA PIECES, AND 7
MORTARS. THE 3-GUN LIGHT AAA SITE REMAINS OCCUPIED.
CAMP 1.0 NM NORTH -- 11 CARGO TRUCKS AND 11 FA/MORTARS
OBSERVED.

25X1D

25X1A

TACAJO MILITARY CAMP

CU 2051N 07558W

AREA 1 -- CLOUD COVERED.
AREA 2 -- CLOUD COVERED.
AREA 3 -- IDENTIFICATION ONLY.
AREA 4 -- ABANDONED.
AREA 5 -- CLOUD COVERED.
AREA 6 -- ABANDONED.
AREA 7 -- ABANDONED.

25X1D

25X1A

LA VEGA MILITARY CAMP

CU 2053N 07552W

NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS.
NO VEHICLES OBSERVED.

25X1D

HEREDIA MILITARY CAMP

CU 2134N 07800W

MAIN CAMP -- NO FACILITIES OR VEHICLES OBSERVED.
CAMP 0.5 NM NE -- 23 CARGO TRUCKS AND 3 OTHER VEHICLES
OBSERVED.

25X1D

PUERTO PADRE MILITARY AREA

CU 2111N 07639W

NO APPARENT CHANGE IN FACILITIES.
SIXTEEN TANKS/SP GUNS, 1 PROBABLE TANK/SP GUN, 22 CARGO
TRUCKS, 2 UTILITY TRUCKS AND 9 FA/AAA PIECES OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D

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25X1D

[REDACTED]

25X1A

CUABITAS MILITARY CAMP

CU : 2003N 07548W

TWELVE PROBABLE TANKS/SP GUNS OBSERVED.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

[REDACTED]

SAN LORENZO MILITARY CAMP

CU : 2000N 07658W

NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OBSERVED.

25X1D

[REDACTED]

LA MAYA PROBABLE POL STORAGE

CU : 2013N 07538W

SEVEN REVETMENTS (3 WITH 4 LARGE POL STORAGE TANKS), 1
POSSIBLE REVETMENT UNDER CONSTRUCTION, AND 17 LARGE POL
STORAGE TANKS SCATTERED THROUGHOUT THE AREA.
FOUR PROBABLY ASSOCIATED BUILDINGS OBSERVED.

25X1D

[REDACTED]

NICARO LANDING BEACH

CU : 2042N 07533W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

25X1A

SANTA CLARA EW/GCI RADAR SITE	2229N 07956W
PUNTA MAISI LOW SIEVE RADAR SITE	2014N 07409W
VARADERO LOW SIEVE RADAR SITE	2311N 08108W
RANCHO LUNA LOW SIEVE RADAR SITE	2202N 08025W
SAGUA LA GRANDE EW/GCI RADAR SITE 2	2248N 08006W
VARADERO LANDING BEACH	2307N 08118W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

25X1A

SANTIAGO DE CUBA SAM ASSEMBLY AREA	2003N 07553W
HOLGUIN AIRFIELD	2047N 07618W
ANTONIO MACEO AIRFIELD	1958N 07550W
LIMONAR EW/GCI RADAR SITE	2255N 08126W
CAMAGUEY EW/GCI RADAR SITE	2121N 07751W
CIEGO DE AVILA EW/GCI RDR SITE LA GRANJA	2152N 07846W
HOLGUIN EW/GCI RADAR SITE	2048N 07618W
SANTIAGO DE CUBA EW/GCI RADAR SITE	1959N 07551W
LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
HOLGUIN MILITARY CAMP	2053N 07613W
MACAGUA MILITARY CAMP	2050N 07610W
SANTA CLARA ARTILLERY TRAINING AREA	2222N 08000W
DOS CAMINOS MILITARY CAMP	2014N 07547W
LA VEGUITA MILITARY CAMP	2049N 07615W
CORRALILLO MILITARY AREA	2301N 08038W
SANTIAGO DE CUBA MILITARY CAMP NW	2003N 07554W
DOS PALMAS POL STORAGE AREA	2006N 07601W
SANTIAGO MILITARY CAMP ANTONIO MACEO	1958N 07551W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
MATANZAS LANDING BEACH	2301N 08126W
MAR VERDE LANDING BEACH	1957N 07556W

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